Applies To: **ALL Honda Vehicles**

February 12, 2011

ED-18 Battery Analyzer Update Information

(Supersedes 09-027, dated June 30, 2009, to revise the information marked by the black bars)

REVISION SUMMARY

Under SOFTWARE VERSION, the method to check the current software was updated.

INTRODUCTION

The software for the ED-18 Battery Analyzer (or tester) is updated periodically to fix software bugs and enhance the tool's function. To help you update the ED-18 tester more quickly, American Honda no longer distributes CDs for the tester. You can now use the Midtronics ED-18 update wizard to download software and firmware to your ED-18 tester using a PC and the Internet. It is extremely important to use the latest ED-18 software to ensure that the current battery testing procedures are used.

Honda introduced a new policy to ensure that ED-18 testers are updated promptly. The ED-18 software must now be updated within 3 days of receiving notification from an iN message or other Honda communication. If an out-of-date version is used, any battery replacements may not be covered under warranty.

ED-18 UPDATE REQUIREMENTS

- ED-18 Battery Analyzer:
  ED-18 Version 1: P/N INBED18LLH
  ED-18 Version 2: P/N INB17191840
- RS232 (25 pin to 9 pin) interface cable:
  P/N MTR130112A*
- 7/64” hex wrench: P/N INB17191270*

  *Both the RS232 interface cable and the hex wrench were included with the ED-18 update that was shipped to dealerships in November 2008.
- A fully charged 12-volt automotive battery, any size
- Internet access
- An IBM-compatible PC:
  - Windows 95 operating system or higher (Windows 2000 or XP is preferred)
  - CD ROM
  - RS232 (9 pin) serial port, or an RS232 to USB Adapter (P/N MTRA164)
    (Some newer computers do not have an RS232 port. You will need to order the RS232 to USB adapter to update your ED-18 testers.)

To order the ED-18 Battery Analyzer version 2, the interface cable, the RS232 to USB adapter, or the hex wrench, go to the Honda Tool and Equipment catalog on the iN (select **Service** > **Service Bay** > **Tool and Equipment** > **Online Catalog**), or call **888-424-6857**.

NOTE: The ED-18 Battery Analyzer version 1 is no longer available for purchase.

SOFTWARE VERSION

The current software version is listed online. Go to the iN (select **Service** > **Service Bay** > **Diagnostic Tools Software Versions**).

To check the ED-18 version 1 software, click on: **Info** > **Version**. The version number is located near the top of the version screen.

To check the ED-18 version 2 software:

- Turn on the tester, and read the version number on the screen. It should appear for about 3 seconds.
- Or, you can click on: **Language** > **Options** > **Info** > **Version**. The version number is located near the top of the version screen.

WARRANTY CLAIM INFORMATION

None. This service bulletin is for information only.

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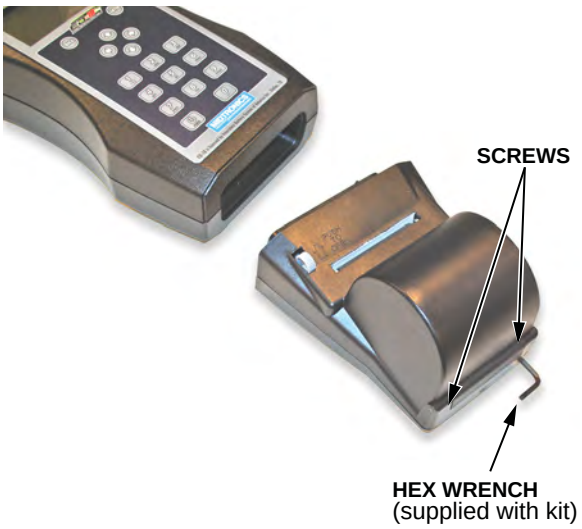
Skill Level R REPAIR

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

ED-18 UPDATE INSTRUCTIONS

1. Make sure the ED-18 is off, then detach the printer by using the hex wrench to remove the two screws at the bottom of the printer. Pull the printer straight out from the ED-18 to avoid damaging the connector terminals.



2. Connect the RS232 interface cable to the ED-18 where the printer was connected, then connect the interface cable to your PC.

   NOTE: If your computer doesn't have an RS232 serial port, use the RS232 to USB adapter.

3. Connect the ED-18 battery clamps to a fully charged 12-volt battery.

4. Online, go to *www.midtronics.com/home/clientlogin/clientlogin.aspx*

5. Enter your username and password, then click the Login button.
   - For ED18 version 1:

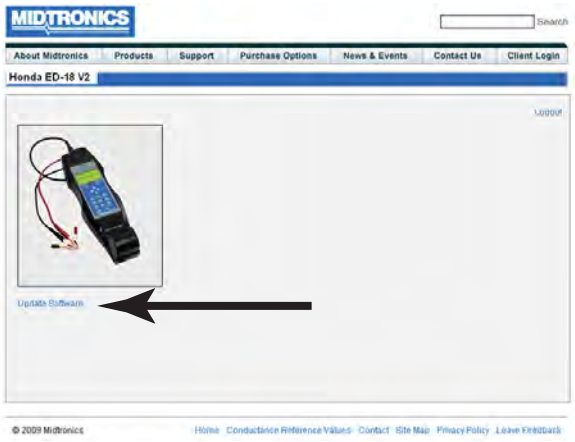
     Username: hondaedv1
     Password: hondaedv1
   - For ED18 version 2:

     Username: hondaedv2
     Password: hondaedv2

Version 1 ***Version 2***

6. You should see an image of your ED-18 tester. Click on the highlighted Update Software link under the image.

   NOTE: The ED-18 tester version 2 software is shown. Version 1 is similar.



7. Fill in your dealer number, the service manager's name, and the ED-18 serial number(s). The dealer name, the dealer address, and the dealer phone number are automatically filled in. Click **SUBMIT REQUEST**.

8. You should see the image of your ED-18 tester again. Click on the highlighted Honda ED-18 V2 Software Update link.

9. A **File Download - Security Warning** screen appears. Select **Run**.

File Download - Security Warning
Do you want to run or save this file?
Name: ED-18 V2 Honda Acura Update.exe
Type: Application
From: www.midtronics.com
Run
Save
Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

10. A file will be downloaded to your computer. After it is finished, an **Internet Explorer - Security Warning** screen appears. Select **Run**.

    NOTE: Depending on your network setup, you may see more warning screens than are shown here.

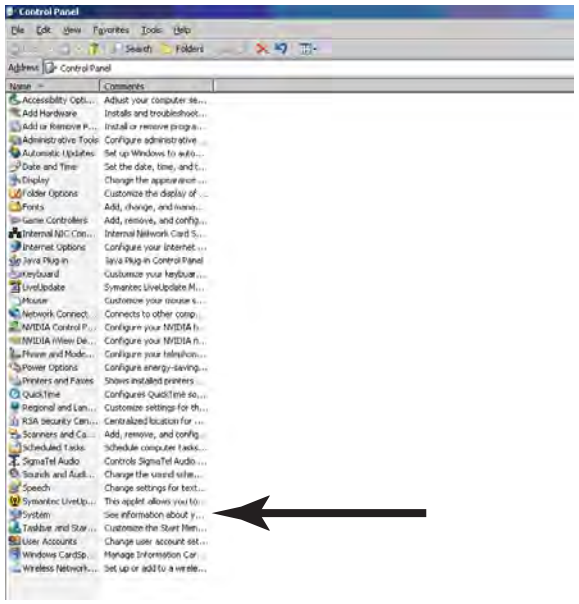
Internet Explorer - Security Warning
The publisher could not be verified. Are you sure you want to run this software?
Name: ED-18%20V2%20Honda%20Acura%20Update.exe
Publisher: Unknown Publisher
Run
Don't Run
This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. How can I decide what software to run?

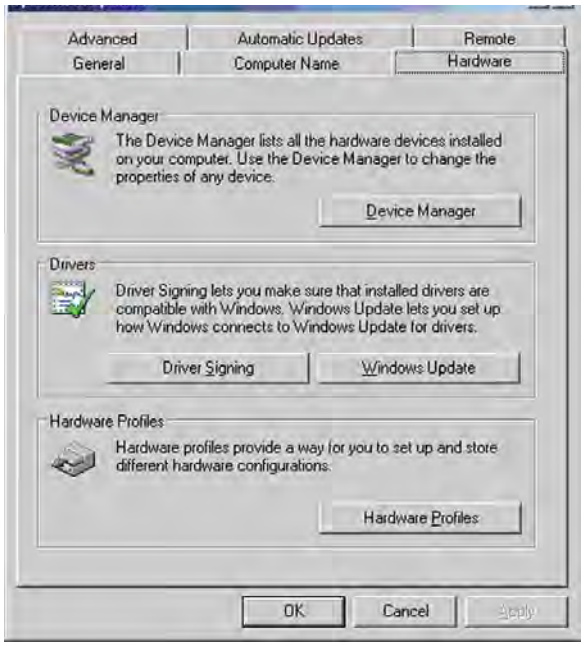
11. Turn on the ED-18.

12. Before using the Midtronics update utility, make sure your computer port settings are correct. Click on: **My Computer** > **Control Panel** > **System** > **Hardware** Tab > **Device Manager**.

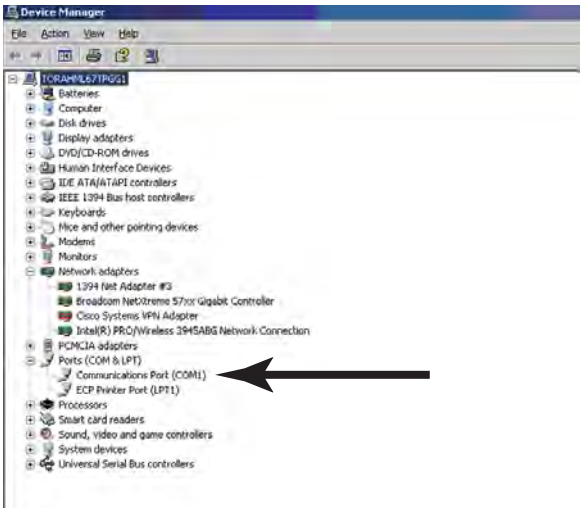
    Or, you can click on: Windows **Start** button > **Settings** > **Control Panel** > **System** > **Hardware** Tab > **Device Manager**.

    NOTE: If you are using an RS232 to USB adapter, make sure to plug it in before checking the port settings.




Advanced
Automatic Updates
Remote
General
Computer Name
Hardware
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Device Manager
Drivers
Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.
Driver Signing
Windows Update
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles
OK
Cancel

Expand **Ports**, and check the communications port number. The communications port number should match the COMM number in the Midtronics update utility. If the numbers do not match, click on the arrows next to the COMM windows in the Midtronics update utility, and change the number to match the computer system's port number.

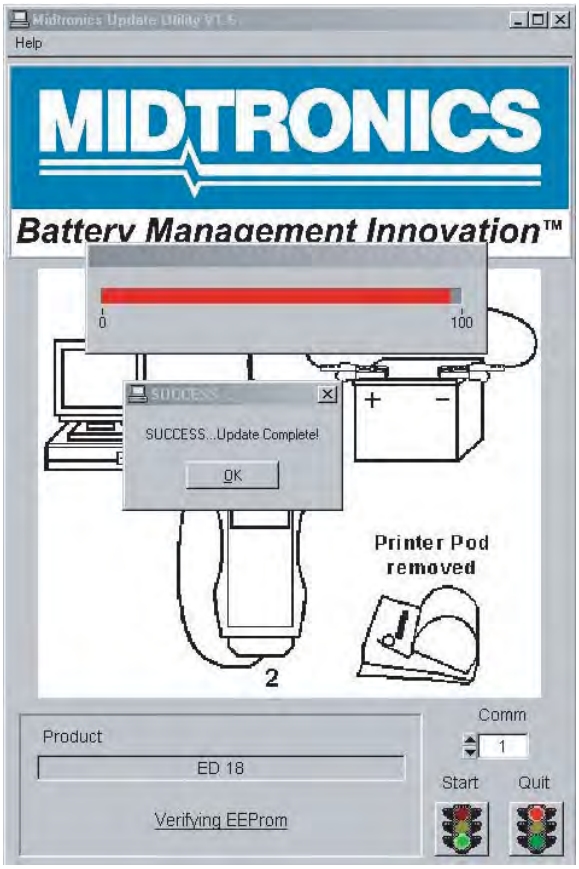


Make sure this communications port number matches the COMM number on the update. If it does not, change the number on the update.

13. Click on **Start** to begin the update, which takes about a minute. A progress bar appears. Wait until you get a message indicating the update was successful.

    NOTE:

    - If the clamps come off the battery, or the RS232 interface cable comes loose, turn the ED-18 off, then back on. When the logon screen appears on the ED-18, click on Start to restart the update.
    - If the error message **Flash not erased** appears, replace the AA batteries in the ED-18, and try the update again.



14. Click on **OK** on the ED-18 update.

15. Click on **Quit** on the ED-18 update. Make sure the message **UPDATE COMPLETE** appears on the ED-18 tester.

16. Turn the ED-18 tester off, then back on.
17. Confirm that the software on the ED-18 tester is updated to the software version listed under SOFTWARE VERSION on page 1.

    NOTE: If you have any problems updating the ED-18, call Midtronics at **866-592-8054**.
18. Reinstall the printer.
19. If you have more than one ED-18, repeat the update procedure for each unit.
20. Once all ED-18s are updated, store the RS232 interface cable and the hex wrench in a safe location for future updates.